

Amendment to the Specification:

Please replace the paragraph beginning at page 4, line 21, with the following rewritten paragraph:

--Figs. 1A, 1B and 2 illustrate the plates of the capacitor of the present invention without the inserted dielectric. Fig. 1A shows an annular or ring-type capacitor plate 10 encircling a shaft 11 (only the axis being shown of the shaft). This is opposed to a pair of concentric capacitor plate rings 12 and 13 lying in the same plane with each other and encircling again the shaft axis 11.

As discussed above, as illustrated in Fig. 11 2, they would be mounted on the shaft 11 in close proximity but with a dielectric 16 there between. As illustrated in Fig. 2, the capacitance C1 occurs between plate 10 and the outer concentric ring 13 and the capacitance C2 occurs between the plate 10 and the inner ring 12. Ring plates 12 and 13 should desirably have equal areas in order to provide a balanced capacitive output (that is equal capacitances C1 and C2) at zero torque. Equal areas can easily be provided by simple geometry. Referring to Fig. 1B where the three pertinent radii are shown for equal area capacitive plates and the following formula is

applicable:
$$r_2 = \sqrt{\frac{r_1^2 + r_3^2}{2}} \dots$$